

IC REG LDO 5V 0.55A TO220-5

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-220
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE4270 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE4270 is a voltage regulator IC (integrated circuit) produced by Infineon Technologies. It is a low-dropout (LDO) linear regulator designed for automotive applications that require a stable output voltage despite large variations in the input voltage.

Features

Output voltage range: 5V to 40V

Maximum output current: 400mA

Dropout voltage: 350mV (typical)

Output voltage accuracy: $\pm 1.5\%$ (typical)

Wide operating temperature range: -40°C to $+150^{\circ}\text{C}$

Overtemperature protection

Short-circuit protection

Reverse polarity protection

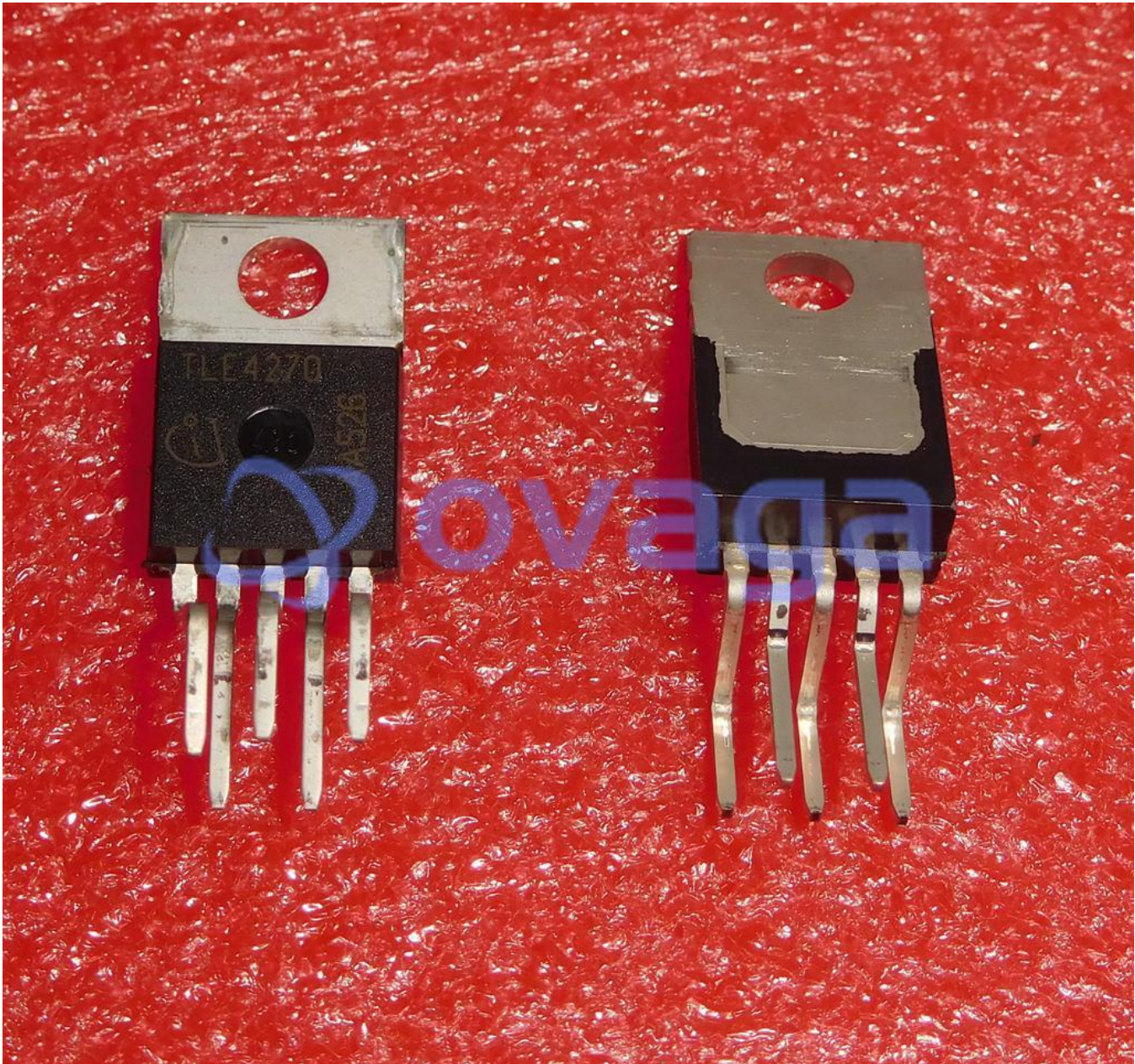
Application

Voltage regulation in automotive and industrial systems

Power management in electronic control units (ECUs), powertrain control modules (PCMs), and other automotive subsystems

Supply voltage regulation in battery-powered applications

Voltage stabilization in instrumentation and measurement systems



Related Products



[TLE4264-2G](#)

Infineon Technologies Corporation
SOT-223



[TLE4266G](#)

Infineon Technologies Corporation
SOT-223



[TLE4726G](#)

Infineon Technologies Corporation
P-DSO-24



[TLE6282G](#)

Infineon Technologies Corporation
SOP-20



[TLE4271-2G](#)

Infineon Technologies Corporation
TO-263



[TLE4208G](#)

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SOP-28



[TLE7182EM](#)

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SSOP24



[TLE8386-2EL](#)

Infineon Technologies Corporation
SOP-14